output of the accelerometer **302**, rheological fluid activation controller **307** determines which activation means **108** shall be activated in order to balance the spherical device **101**.

9. The system according to claim **1**, characterized in that the predefined condition is presence of an operators hand on the spherical device **101** or lack thereof determined by an operator's hand detector **306** configured to indicate whether an operator is holding the spherical device **101**.

10. Method for balancing an input device **101**, according to claim **1**, the method being characterized in that it comprises the steps of:

awaiting **401** detection of an operator's hand by the operator's hand detector **306**;

allowing **402** a free flow of the rheological fluid within the cavity **105** by instructing the rheological fluid activation controller **307** to deactivate all activation means **108**;

awaiting **404** detection of lack of contact with the operator's hand by the operator's hand detector **306**;

instructing **405** the rheological fluid activation controller **307** to activate selected activation means **108** in order to make the rheological fluid solid.

11. A computer program comprising program code means for performing all the steps of the method according to claim **10** when said program is run on a computer.

12. A computer readable medium storing computer-executable instructions performing all the steps of the method according to claim **10** when executed on a computer.

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